Amendment to the Specification:

      After the title on page 1, insert the following paragraph:

      --CROSS-REFERENCE TO RELATED APPLICATIONS

      This application claims the benefit of U.S. Provisional Application No. 60/194,073, filed on April 3, 2000.--

      Replace the paragraph beginning on page 9, line 27 with the following two paragraphs:

      --In step 608, the estimates of $t0$ and $deltat$ are compared with the calculated solutions. If the <u>calculated</u> solutions for $t0$ and $deltat$ have not yet converged to the estimates, <u>then control transfers to</u> ~~the estimates of t0 and deltat are replaced with the calculated solutions in~~ step 610<u>.</u> <u>Otherwise, control transfers to step 612</u>[[,]] ~~and step 606 is repeated~~.

      <u>In step 610, the estimates of $t0$ and $deltat$ are</u> <u>replaced with the calculated solutions, and control transfers</u> <u>to step 606.</u>--

      Replace the paragraph beginning on page 10, line 1 with the following paragraph:

      --<u>In step 612, if</u> [[If]] the solutions for $t0$ and $deltat$ have converged to the estimates, then the $delay1$ is calculated as a function of $t30(Ceff1)$ or $t70(Ceff1)$ and $delay2$ is calculated as a function of $t50(Ceff2)$ from a Foster or a pi model ~~in step 612~~.--